

Filename: PMP5495_bom.xls

Date: 06/07/2010

PMP5495 BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR	AREA
1	C1	0.1uF	Capacitor, Ceramic, 16V, X5R, 20%	0402	C1005X5R1C104KT	TDK	
1	C2	47uF	Capacitor, Ceramic, 6.3V, X5R, 20%	1206	C3216X5R0J476MB	TDK	
1	C3	10uF	Capacitor, Ceramic, 16V, X5R, 20%	0805	C2012X5R1C106M	TDK	
1	C4	150 pF	Capacitor, Ceramic, 50V, NP0, 5%	0402	C1005C0G1H151JT	TDK	
1	C5	0.1uF	Capacitor, Ceramic, 16V, X5R, 20%	0402	C1005X5R1C104KT	TDK	
1	C6	Open	Capacitor, Ceramic, 25V, X7R, 10%	0402			
1	C7	0.01 uF	Capacitor, Ceramic, 25V, X7R, 10%	0402	C1005X7R1E103KT	TDK	
1	C8	0.01uF	Capacitor, Ceramic, 25V, X7R, 10%	0402	C1005X7R1E103KT	TDK	
1	D1	MMSZ5231B	Diode, Zener, 5.1V, -mA	SOD-323	MMSZ5231BS	Diodes	
3	J1, J2, J3	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST	
3	JP1, JP2, JP3	{Value}	Header, 3 pin, 100mil spacing, (36-pin strip)	0.100 x 3	PTC36SAAN	Sullins	
1	L1	3.3 uH	Inductor, SMT, 6A, 28-milliohm	0.255 x 0.270 inch	IHLP2525CZER3R3M01	Vishay	
2	R1, R4	100k	Resistor, Chip, 1/16W, 1%	0402	Std	Std	
	R10	10k	Resistor, Chip, 1/16W, 1%	0402	Std	Std	
1	R2	49.9	Resistor, Chip, 1/16W, 1%	0402	Std	Std	
2	R3	10K	Resistor, Chip, 1/16W, 1%	0402	Std	Std	
1	R5	4.02K	Resistor, Chip, 1/16W, 1%	0402	Std	Std	
1	R6	3.24k	Resistor, Chip, 1/16W, 1%	0402	Std	Std	
2	R7, R9	DNP	Resistor, Chip, 1/16W, 1%	0402	Std	Std	
1	R8	20k	Resistor, Chip, 1/16W, 1%	0402	Std	Std	
	TP1, TP2, TP3, TP4, TP5, TP8,						
9	TP9, TP10, TP11	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone	
2	TP6, TP7	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone	
1	U1	TPS54620RGY	IC, 1.62V-17V Synchronous Buck PWM Converter with Integr	QFN14	TPS54620RGY	TI	
3	--		Shunt, 100-mil, Black	0.100	929950-00	3M	

- Notes:
1. These assemblies are ESD sensitive, ESD precautions shall be observed.
 2. These assemblies must be clean and free from flux and all contaminants.
Use of no clean flux is not acceptable.
 3. These assemblies must comply with workmanship standards IPC-A-610 Class 2.

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